

PERAC

COMMONWEALTH OF MASSACHUSETTS | PUBLIC EMPLOYEE RETIREMENT ADMINISTRATION COMMISSION

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MEMORANDUM

TO: Plymouth Retirement Board

FROM: John W. Parsons, Esq., Executive Director

RE: Approval of Funding Schedule

DATE: September 5, 2019

This Commission is hereby furnishing you with approval of the revised funding schedule you recently adopted (copy enclosed). The schedule assumes payments are made on July 1 of each fiscal year. The schedule is effective in FY20 (since the amount under the prior schedule was maintained in FY20) and is acceptable under Chapter 32.

The revised schedule reflects a reduction in the investment return assumption from 7.25% to 7.00% and a revision to the mortality assumption.

If you have any questions, please contact PERAC's Actuary, John Boorack, at (617) 666-4446, extension 935.

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**Plymouth Retirement System
January 1, 2019 Actuarial Valuation**

8.14% Total Increasing until FY34 with a final amortization payment in FY35

<u>Fiscal Year</u>	<u>Normal Cost</u>	<u>Net 3(8)(c)</u>	<u>Amort. of UAL</u>	<u>Amort. of 2002 ERIP</u>	<u>Amort. of 2003 ERIP</u>	<u>Total Cost</u>	<u>Unfunded Act. Liab.</u>	<u>% Increase in Total Cost</u>
2020	5,170,751	75,000	8,810,700	6,344	560,251	14,623,047	183,003,862	
2021	5,403,435	75,000	10,328,314	6,614		15,813,363	185,780,426	8.14%
2022	5,646,590	75,000	11,372,086	6,895		17,100,571	187,726,683	8.14%
2023	5,900,686	75,000	12,509,683	7,188		18,492,557	188,692,042	8.14%
2024	6,166,217	75,000	13,749,141	7,494		19,997,851	188,507,432	8.14%
2025	6,443,697	75,000	15,099,167	7,812		21,625,677	186,983,354	8.14%
2026	6,733,663	75,000	16,569,199	8,144		23,386,007	183,907,721	8.14%
2027	7,036,678	75,000	18,169,459	8,490		25,289,628	179,043,504	8.14%
2028	7,353,329	75,000	19,911,023	8,851		27,348,203	172,126,143	8.14%
2029	7,684,228	75,000	21,815,119			29,574,347	162,860,707	8.14%
2030	8,030,019	75,000	23,876,680			31,981,699	150,918,780	8.14%
2031	8,391,370	75,000	26,118,640			34,585,009	135,935,047	8.14%
2032	8,768,981	75,000	28,556,248			37,400,229	117,503,556	8.14%
2033	9,163,585	75,000	31,206,022			40,444,607	95,173,620	8.14%
2034	9,575,947	75,000	34,085,852			43,736,798	68,445,330	8.14%
2035	10,006,864	75,000	36,764,642			46,846,506	36,764,642	7.11%
2036	10,457,173	75,000				10,532,173	0	-77.52%

Appropriation payments assumed to be made July 1 of each fiscal year.

Normal cost includes expenses of \$1,100,000 and is assumed to increase 4.5% per year.

FY20 appropriation maintained from the current schedule.